**DOCKET NO.:** ISIS-5582 **Application No.:** 10/510,667

Advisory Action mailed: November 29, 2007

This listing of claims will replace all prior versions, and listings, of claims in the application.

## **Listing of Claims:**

1. (currently amended) An oligomeric compound having the formula:

$$C_1$$
 $C_1$ 
 $C_2$ 
 $C_3$ 
 $C_4$ 
 $C_4$ 
 $C_4$ 
 $C_4$ 
 $C_4$ 
 $C_4$ 
 $C_4$ 
 $C_5$ 
 $C_5$ 
 $C_5$ 
 $C_6$ 
 $C_7$ 
 $C_8$ 
 $C_7$ 
 $C_8$ 
 $C_8$ 
 $C_8$ 
 $C_8$ 
 $C_8$ 
 $C_9$ 
 $C_9$ 

wherein:

each Bx is, independently, a heterocyclic base moiety;

T<sub>2</sub> is hydroxyl[[,]] or a protected hydroxyl, an oligonucleotide or an oligonucleoside;

T<sub>1</sub> is a modified phosphate having the formula:

wherein

Q is OH or CH<sub>3</sub>

 $R_1$ ,  $R_3$  and each  $R_2$  are, independently, hydrogen, hydroxyl, a sugar substituent group or a protected sugar substituent group;

each  $X_1$  and  $X_2$  is, independently, O or S wherein at least one  $X_1$  is S; and n is from 3 to 48.

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- 2-3. (canceled)
- 4. (previously presented) The oligomeric compound of claim 1 wherein Q is CH<sub>3</sub>.
- 5-10. (canceled)
- 11. (original) The oligomeric compound of claim 1 wherein R<sub>1</sub>, R<sub>3</sub> and each R<sub>2</sub> is hydrogen.
- 12. (original) The oligomeric compound of claim 1 wherein R<sub>1</sub>, R<sub>3</sub> and each R<sub>2</sub> is hydroxyl.
- 13. (previously presented) The oligomeric compound of claim 1 wherein  $R_1$ ,  $R_3$  and each  $R_2$  are, independently, hydrogen, hydroxyl, a sugar substituent group or a protected sugar substituent group.
- 14. (original) The oligomeric compound of claim 1 wherein at least one of  $R_1$ ,  $R_2$  or  $R_3$  is an optionally protected sugar substituent group.
- 15. (original) The oligomeric compound of claim 1 wherein each  $X_2$  is S.
- 16. (original) The oligomeric compound of claim 1 wherein each heterocyclic base moiety is, independently, adenine, cytosine, 5-methylcytosine, thymine, uracil, guanine or 2-aminoadenine.
- 17. (original) The oligomeric compound of claim 1 wherein n is from about 8 to about 30.
- 18. (original) The oligomeric compound of claim 1 wherein n is from about 15 to 25.

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19. (withdrawn) A method of treating an organism having a disease characterized by the

undesired production of a protein comprising contacting the organism with an oligomeric

compound of claim 1.

20. (previously presented) A composition comprising:

a pharmaceutically effective amount of an oligomeric compound of claim 1: and

a pharmaceutically acceptable diluent or carrier.

21. (withdrawn) A method of modifying in vitro a nucleic acid, comprising contacting a test

solution containing RNase H and said nucleic acid with an oligomeric compound of claim 1.

22. (withdrawn) A method of concurrently enhancing hybridization and RNase H activation in a

organism comprising contacting the organism with an oligomeric compound of claim 1.

23. (withdrawn) A method comprising contacting a cell with an oligomeric compound of claim

1.

24-41. (canceled)